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PATENT

Attorney Docket No. 26822-0002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
Inventor(s): LIANG, Rong-Chang, et al.)	
)	Art Unit: 2873
Application No.: 09/518,488)	
)	Examiner: TRA, Tuyen Q.
Filed: March 3, 2000)	
)	
Title: Electrophoretic Display and Novel)	
Process for its Manufacture)	

AMENDMENT UNDER 37 CFR 1.312

Commissioner for Patents
Mail Stop Issue Fee
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the above -identified application , before payment of the Issue Fee, as follows:

In the claims:

Cancel claims 33 and 35.

Amend claims 10, 11, 17, 18, 20 – 22, 24 – 26, 28 – 32, 37, 51, and 55, to read as follows:

10. A process for the preparation of well-defined cells of substantially uniform size and shape to be used in an electrophoretic display, which process comprises the steps of:

- a) coating a layer of thermoplastic or thermoset precursor on a conductor film;
- b) embossing the thermoplastic or thermoset precursor layer with a pre-patterned male mold to form microcups;
- c) hardening the embossed thermoplastic or thermoset precursor layer;
- d) releasing the mold from the hardened thermoplastic or thermoset precursor layer; and
- e) filling the thus-formed microcups with a charged pigment suspension in a dielectric solvent or solvent mixture to form the well-defined cells.

11. The process of Claim 10 wherein said thermoplastic or thermoset precursor is selected from the group consisting of polyvalent acrylate, polyvalent methacrylate, polyvalent vinyl, polyvalent epoxide, polyvalent allyl, and oligomers or polymers containing crosslinkable functional groups.